



COPY OF PAPERS
ORIGINALLY FILED

3

PATENT
Attorney Docket No.: SAM-0250

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kim, *et al.*
U.S. Serial No.: 10/038,299
Filing Date: January 4, 2002
Title: PHASE LOCKED LOOP CIRCUIT FOR A FRACTIONAL-
FREQUENCY SYNTHESIZER

RECEIVED
MAR 01 2002
OFFICE OF PETITIONS

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

January 24, 2002
Date

Denise M. Donahue
Denise M. Donahue

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ the \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ the \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Kim, *et al.*
U.S. Serial No.: 10/038,299

Statement Under 37 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. _____, and references that are not required to be submitted under 37 CFR 1.98.
- ☐ The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement under 36 CFR 1.98(a)(3)(i) for references ____ satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ abstract.

The "concise explanation" requirement for reference ____ is satisfied by submission of reference ____.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): Kim, *et al.*
U.S. Serial No.: 10/038,299

Method of payment:

- ☐ Enclosed is a check in the amount of _____.
- ☐ Please charge Deposit Account of 50-1798 in the amount of _____.
- ☐ Two duplicate copies of this Statement are enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: January 24, 2002
Mills & Onello, LLP
Eleven Beacon Street, Suite 605
Boston, Massachusetts 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774

Anthony P. Onello, Jr.
Anthony P. Onello, Jr.
Registration Number 38,572
Attorney for Applicants

J:\SAM\0250\IDSform2.wpd



COPY OF PAPERS
ORIGINALLY FILED

| | | |
|---|---|---|
| Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | Docket Number (Optional) SAM-0250 | Application Number 10/038,299 |
| | Applicant Kim, et al. | |
| | Filing Date January 4, 2002 | Group Art Unit 2817 |

| U. S. Patent Documents | | | | | | | |
|------------------------|----|--------------------|----------|-----------------|-------|--------------|-------------------|
| EXAMINE R | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLAS S | FILING DATE IF |
| | AA | | | | | | |
| H. c. | AB | 6,064,272 | 05/16/00 | Rhee | 331 | 16 | 07/01/98 |
| H. c. | AC | 5,521,948 | 05/28/96 | Takeuchi | 375 | 376 | 04/21/95 |
| H. c. | AD | 6,049,255 | 04/11/00 | Hagberg, et al. | 331 | 17 | 01/05/98 |
| H. c. | AE | 5,977,838 | 11/2/99 | Nagoya, et al. | 331 | 17 | 04/24/97 |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|----|--------------------|----------|---------|-------|--------------|-------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLAS S | Translation | |
| | | | | | | | YES | NO |
| H. c. | AL | 10-032486 | 02/03/98 | Japan | 23 | 00 | X | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |
| | AQ | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|----|--|
| | AR | |
| | AS | |
| | AT | |

| | |
|-------------------------------|-----------------------------------|
| EXAMINER Henry choe | DATE CONSIDERED 4/11/03 |
|-------------------------------|-----------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

Notice of References CitedApplication/Control No.
10/038,299Title(s)/Patent Under Reexam
Jun et al.Examiner
Henry ChoeArt Unit
2817

Page 1 of 1

U.S. PATENT DOCUMENTS

| * X | | Document Number Country Code-Number-Kind Code | Date MM-YYYY ¹ | Name | Classification ² | |
|--------|---|--|------------------------------|------------------|-----------------------------|----|
| | A | 6,236,278 | 5/2001 | Olgaard | 331 | 25 |
| | B | 5,821,816 | 10/1998 | Patterson | 331 | 1A |
| | C | 4,849,714 | 7/1989 | Takahashi et al. | 331 | 1A |
| | D | | | | | |
| | E | | | | | |
| | F | | | | | |
| | G | | | | | |
| | H | | | | | |
| | I | | | | | |
| | J | | | | | |
| | K | | | | | |
| | L | | | | | |
| | M | | | | | |

FOREIGN PATENT DOCUMENTS

| * N | | Document Number Country Code-Number-Kind Code | Date MM-YYYY ¹ | Country | Name | Classification ² | |
|--------|---|--|------------------------------|---------|------|-----------------------------|--|
| | O | | | | | | |
| | P | | | | | | |
| | Q | | | | | | |
| | R | | | | | | |
| | S | | | | | | |
| | T | | | | | | |

NON-PATENT DOCUMENTS

| * U | | Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages |
|--------|---|--|
| | V | |
| | W | |
| | X | |

¹ A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).¹ Dates in MM-YYYY format are publication dates.² Classifications may be U.S. or foreign.